

Thank you for choosing movable walls for your project. While all movable walls are better than studs and drywall, there are a few things about DIRTT Walls to keep in mind while making this important decision.

43 Things DIRTT

Some wall manufacturers may have one or more of these benefits. Some manufacturers even try to replicate the look and function of drywall. We ask, “What is the point of mimicking bad?” These 43 Points aren’t just for the sake of being different. These are true unique benefits for you, now and in the future. By choosing DIRTT you will contribute to improved environmental sustainability, the corporate bottom-line and a productive and flexible workspace ready for whatever changes come your way.

SUSTAINABILITY

1. DIRTT Walls integrate seamlessly and cleanly with existing and new buildings, helping to extend their life cycle. The Walls’ flexibility and superior and enduring construction mean they can be adapted and reused. Life cycle performance is one of the single most important attributes of sustainability.
2. The parametric engineering of DIRTT Walls means you can create the perfect module size for your space. Modules can fit together in a myriad of configurations over their lifetime. This assures you a long life cycle and best reconfiguration practices without extra assets and asset management.
3. Our parametric approach also allows for an infinite combination of finishes, angular or curved installations, and the ability to make radical change in the future
4. Face-tiled walls support power, data and security cabling and components. The plenum is easily accessible for small adds, moves and changes without damage or waste.
5. Expandable and flexible connections adapt to different building angles and curves, making for fewer parts and pieces and a more efficient use of real estate.
6. Wall design allows for stacking initially or in the future so you can keep your initial investment intact even if your wall height requirements change.
7. Horizontal support extrusions, placed anywhere on the face-tiled Walls, allow you to hang any new or legacy furniture, appliances and storage.
8. DIRTT uses exclusively non-toxic, water-based finishes, which are UV cured. You receive a product that is good for the wider environment and for the air quality in your facility.
9. Sliding doors save real estate sprawl. Ours are non-handed, easily installed, have pneumatic slow-downs, are lockable and come in several styles and finishes. They can be easily reconfigured so you do not have to buy extras to suit new locations.



10. Glass for butt-joint elevations can be sourced locally, eliminating shipping over long distances and attendant pollution.
11. Packaging is kept to a minimum and designed for reuse. Repatriation system in place.
12. Veneer wrapping directly onto aluminum frames saves thousands of board-feet of lumber typically needed as a substrate. Our approach is in the process of being patented.
13. Intelligent, graphical, interactive 3D software called ICE® eliminates waste from human error and the need for mock-ups.
14. ICE software means no paper catalog and a smaller factory footprint.
15. ICE cancels out the need for paper marketing materials. Why look at an artifact when we are making you something completely unique and new?

DESIGN FREEDOM

16. The intelligence of ICE software allows designers to provide the best solution functionally and aesthetically without wasting precious time finding out if it can build it or not. ICE results in shop drawings in days instead of weeks.
17. ICE offers full, real-time integration with AutoCAD™.
18. Wall sizes are infinite within the minimum and maximum parameters of each part of the wall (tiles/skins, frames, doors, glass).
19. Support extrusions offer functionality when in use and are an aesthetic bonus when left open and unused in the interim.
20. The support is also open-source. You can freely choose any manufacturer's furniture, accessories or millwork. Even legacy elements can be supported on the Walls.
21. Clean, elegant corners of any angle.
22. Every space can be designed to suit the exact needs of the inhabitants. Tiles come in all sizes and finishes. For instance, back-painted glass tiles and "Write Away" film turns any wall into a dry-erase board. Tiles can be switched out if needs change.
23. Tiles/skins can be sized for individual module frames or run across adjacent frames.
24. Sides of face-tiled Walls are completely independent aesthetically and functionally, giving designers lots of latitude in addressing different conditions either side of the Wall.
25. Low-profile base with 2.25" of height adjustment facilitates installation.
26. All Walls integrate with each other and the base building, such as columns, sills, mullions and bulkheads.
27. Single-sided face tiled walls open up new design opportunities and additional usable real estate, with power and data support, when clad over perimeter hard-walls.
28. Flexible connections offer faceted curves up to 15-degrees in either direction for inexpensive design statements. Can be incorporated initially or retroactively.
29. Mass-customization means walls can be designed to suit all kinds of applications in all kinds of industries – even residential applications.

TECHNOLOGY SUPPORT

30. Flat screen (LED and LCD) technology, iPod docking stations and USB portals integrate with the Wall plenum and remain accessible for technicians.
31. Glass tiles are designed to cover and protect screens.
32. Exposed horizontal extrusion also supports monitors, monitor arms, speakers, accessories, etc. on the face of the Wall.
33. Bracketry is specially designed to support rear screen projection units in smaller spaces.
34. Accessible plenum provides plenty of room for power, data, plumbing and medical gasses. Tiles can also act as cabinet doors.
35. Ventilation system is integral to the DIRTT system for cooling of technologies.
36. When technology changes – as it inevitably will – the Walls are ready for accepting new components and wiring.
37. Horizontal support extrusions and brackets make electronic sit/stand solutions simple to implement and alter.

COMMUNICATION/INFORMATION

38. ICE software takes care of the entire specification minutiae while you design the perfect space and stay on budget. ICE delivers instant elevations, interactive/real-time 3D experiences of the whole project and photorealistic renderings in moments, simultaneously updating price, parts and production information with every modification.
39. ICEvision allows all stakeholders to share and understand the project. You can upload the design for all or a select few to see without any software on their end. They will fully absorb and sign-off or request changes quickly and confidently. It empowers those who cannot read a technical drawing and instantly updates colleagues as to the project's progress.
40. ICEberg gives all clients the hard, cold numbers to help them compare the dollar- and environmental-cost between conventional construction and DIRTT. Every finish and square foot is calculated using 3rd party statistics. ICEberg's data can even be modified to suit your local contractor's own numbers.
41. Using ICE ensures your design is directly translated into production information. There is no opportunity for human error to compromise the product. The result is the shortest lead-time in the industry; four weeks is the longest lead time we typically require.
42. ICE allows for the evolution of the product line without concern for the typical documentation nightmare that ensues. Whether for a solution wide change or for a single project, ICE provides the platform that supports rapid change.

MISCELLANEOUS

43. DIRTT is a leader in sustainable design for pre-engineered walls. It was the first company in the modular interior industry ever to receive "Excellence in Partnership Award for Green Contractor Award" from the Coalition for Government Procurement (2006). The award was due to the ability of DIRTT Walls to support any new or legacy furniture for government agencies, and because the horizontal support means all furniture module sizes are still viable after reconfigurations.

We're not resting on our laurels. We are constantly innovating in our efforts to produce cost-effective, beautiful and environmentally responsible architectural solutions. Those efforts have made us North America's leading manufacturer of modular walls.

